

Report of Survey for Repairs, &c., of Engines and Boilers.

Date of writing Report 27. 7. 1916 When handed in at Local Office 29 JUL 1916 19 Port of London

Survey held at London Date, First Survey Last Survey 25. 7. 1916
on the Machinery of the Wood, Iron or Steel S. S. "Harlington" Master H. B. Potts
Gross 1089 Vessel built at Sunderland By whom Osbourn, Graham & Co. When 1913. 11
Net 565 Engines made at South Shields By whom G. J. Grey When 1913. 11
142 Boilers, when made (Main) 1913. (Donkey)
2 Owners P. & C. Steam Nav. Co. Port London Voyage Coasting
Donkey Boilers 180 If Surveyed Afloat or in Dry Dock Dry Dock
Main Boilers 180 (State name of Dock.) Canal Dock
Donkey Boilers

Particulars of Examination and Repairs (if any) Damage
Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys. Years assumed to elapse. Machinery and Boiler Surveys (including date of N.B., if any).
* 100 A1. 1. 15 * L.M.C. 11. 15
T.S. 1. 15
CARGO BATTENS NOT FITTED.

Where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were declined?
Was a damage report made by anyone else? If so, by whom?
Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time?
" Donkey " " "
Was not done, state for what reasons?
What parts of the Boilers could not be thus thoroughly examined?
What special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler?
Surveyor examine the Safety Valves of the Main Boiler? To what pressure were they afterwards adjusted under steam?
Surveyor examine the Safety Valves of Donkey Boiler? To what pressure were they afterwards adjusted under steam?
Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? , and of the Donkey Boiler?
Surveyor examine the drain plugs of the Main Boilers? , and of the Donkey Boiler?
Surveyor examine all the mountings of the Main Boilers? , and of the Donkey Boiler?
Screw shaft now been drawn and examined? Yes Is it fitted with continuous liner? Yes or two liners? or is it without liners?
Screw shaft now been changed? No If so, state reasons
Screw shaft now fitted new? Has it a continuous liner? or two liners? or is it without liners?
Distance between lignum vitae of stern bush and top of after bearing of screw shaft? Now partly renewed.
If survey is not complete state what arrangements have been made for its completion and what remains to be done? Complete
Screw shaft drawn in and examined and found in order, lower part lignum vitae now renewed.
All sea valves and connections examined and overhauled as found necessary.

General Observations, Opinion, and Recommendation:—
Clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 9, 11, B. & U.S. 9, 11, or L.M.C. 9, 11, 14, 15, F.D., &c.)
The machinery of this vessel as far as seen is eligible to remain as classed and to have fresh record of "Screw Shaft seen 7. 16"

per Section 38) £ : : Fees applied for 19
Damage or Repair Fee (if any) £ : : Received by me, 19
Expenses (if chargeable) £ : :
C. M. Hughes
Engineer Surveyor to Lloyd's Register of Shipping.

Screw Shaft Band

It is submitted that
this vessel is eligible to
remain as CEASED.

5.4.16

J.S.
31.7.16

N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or to cause it to show through to the other side.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.



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